PTO/SB/21 (02-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL  SET 0 1 7005 FORM  Filing Date  First Named Inventor  Art Unit  Examiner Name  DAVIS, Deborah A  Total Number of Pages in This Submission  ENCLOSURES (Check all that apply)  Fee Transmittal Form  Drawing(s)  Fied Attached  Amendment/Reply  After Final  After Final					
First Named Inventor					
Art Unit   Examiner Name   DAVIS, Deborah A					
Examiner Name  DAVIS, Deborah A  Attorney Docket Number  M1015/70054US01  ENCLOSURES (Check all that apply)  Fee Transmittal Form  Drawing(s)  Fee Attached  Licensing-related Papers  Amendment/Reply  Petition  After Final  Provisional Application  Power of Attorney, Revocation  Change of Correspondence Address  Terminal Disclaimer  DAVIS, Deborah A  M1015/70054US01  After Allowance communication to Technology Center (TC)  Appeal Communication to Boar of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Power of Attorney, Revocation  Change of Correspondence Address  Terminal Disclaimer  DAVIS, Deborah A  M1015/70054US01  After Allowance communication to Technology Center (TC)  Appeal Communication to Toc (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please Identify below):					
Total Number of Pages in This Submission    Total Number of Pages in This Submission   23   Attorney Docket Number   M1015/70054US01					
ENCLOSURES (Check all that apply)  Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  After Final  Petition to Convert to a Provisional Application  Power of Attorney, Revocation Change of Correspondence Address  Extension of Time Request  ENCLOSURES (Check all that apply)  After Allowance communication to Te to Technology Center (TC)  Appeal Communication to Boar of Appeals and Interferences  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please Identify below):					
Fee Transmittal Form    Drawing(s)					
Fee Transmittal Form    Drawing(s)					
Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/  Express Abandonment Request  Request for Refund  Please see remarks below.  Remarks  The Total Number of Pages in This Submission indicated above does not include the cite references A1 and B1-B10.					
Incomplete Application  Enclosures: Form PCT/SB/08A; Copy of International Search Report from PCT/US01/44 copy of International Preliminary Examination Report for International Application PCT/ US01/44964; Copies of Ref. Nos. A1 and B1-B10; Credit Card Payment Form for \$180; a Return Receipt Postcard.					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm or Individual name Joseph Hyosuk Kim Reg. No. 41,425 JHK Law  Signature August 29, 2005					
CERTIFICATE OF TRANSMISSION/MAILING					
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service, sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-145 the date shown below.					
Typed or printed name Harry Sung Lee					
Signature Date August 29, 2005					

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Hanslee

Harry Lee

Applicant: Cynthia C. Bamdad, et al.

Serial No.: 10/763,810

Filed: **January 23, 2004** 

Title: **DETECTION OF BINDING SPECIES WITH COLLOIDAL AND NON-**

COLLOIDAL STRUCTURES

Examiner: DAVIS, Deborah A

Art Unit: 1641

Attorney Docket No.: M1015/70054US01

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### **Information Disclosure Statement**

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached Form PTO/SB/08A (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

The Applicants would like to bring to the Examiner's attention the enclosed search report and preliminary examination report from a corresponding International Application (PCT/US01/44964) citing the references listed below.

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#### **English Language Documents:**

US 4,791,069 (HOVORKA et al.) (December 13, 1988)

WO 00/54882 A1 (ARTLOON CORPORATION) (September 21, 2000)

WO 00/43783 A2 (MINERVA BIOTECHNOLOGIES CORPORATION) (July 27, 2000)

WO 00/43791 A2 (MINERVA BIOTECHNOLOGIES CORPORATION) (July 27, 2000)

WO 02/29411 A2 (MINERVA BIOTECHNOLOGIES CORPORATION) (April 11, 2002)

WO 02/28507 A2 (MINERVA BIOTECHNOLOGIES CORPORATION) (April 11, 2002)

WO 02/01230 A2 (MINERVA BIOTECHNOLOGIES CORPORATION) (January 3, 2002)

WO 02/01225 A2 (MINERVA BIOTECHNOLOGIES CORPORATION) (January 3, 2002)

WO 00/63701 A2 (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY) (October 26, 2000)

WO 00/63694 A1 (UNIVERSITY OF VIRGINIA PATENT FOUNDATION) (October 26, 2000)

WO 99/38013 A2 (XERION PHARMACEUTICALS GMBH) (July 29, 1999)

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached Form PTO/SB/08A with initials or other appropriate marks, and that the reference be made of record as cited references in the application.

Fee for the submission of Information Disclosure Statement is enclosed herewith. The Commissioner is authorized to charge JHK Law's Deposit Account No. 502486 for any fees required under 37 CFR §§ 1.16 and 1.17 that are not covered, in whole or in part, by a Credit Card Payment Form enclosed herewith and to credit any overpayment to said Deposit Account No. 502486.

Respectfully submitted.

Dated August 29, 2005

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/763,810 Filing Date January 23, 2004 First Named Inventor BAMDAD, Cynthia C. Art Unit 1641 Examiner Name Davis, Deborah A Attorney Docket Number M1015/70054US01

				DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	<sup>US-</sup> 4,791,069	12-13-1988	Hovorka et al.	Abstract
		US-			
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			IGN PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Publication Date MM-DD-YYYY  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
			, approant of once boomen	Or Relevant Figures Appear	T <sup>6</sup>	
	B1	WO 00/54882 A1	09-21-2000	ARTLOON CORPORATION	whole document	
	B2	WO 00/43783 A2	07-27-2000	MINERVA BIOTECHNOLOGIES CORPORATION	whole document	
	B3	WO 00/43791 A2	07-27-2000	MINERVA BIOTECHNOLOGIES CORPORATION	whole document	
	B4	WO 02/29411 A2	04-11-2002	MINERVA BIOTECHNOLOGUES CORPORATION	whole document	丅
•	B5	WO 02/28507 A2	04-11-2002	MINERVA BIOTECHNOLOGIES CORPORATION	whole document	
	B6	WO 02/01230 A2	01-03-2002	MINERVA BIOTECHNOLOGIES CORPORATION	whole document	$\vdash$

Examiner	 Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/763,810

Filing Date January 23, 2004

First Named Inventor BAMDAD, Cynthia C.

Art Unit 1641

Examiner Name Davis, Deborah A

Attorney Docket Number M1015/70054US01

Examiner	Cite	Document Number	U. S. PATENT DO	Name of Patentee or	Pages Columns Lines Minoro
Initials*	Cite No.1	Number-Kind Code <sup>2 (# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	B7	WO 02/01225 A2	01-03-2002	MINERVA BIOTECHNOLOGIES CORPORATION	whole document	
	B8	WO 00/63701 A2	10-26-2000	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	whole document	Г
	B9	WO 00/63694 A1	10-26-2000	UNIVERSITY OF VIRGINIA PATENT FOUNDATION	whole document	Г
	B10	WO 99/38013 A2	07-29-1999	XERION PHARMACEUTICALS GMBH	whole document	Г
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Examiner	Date	
Signature	Considered	
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